## **EAST Search History (Prior Art)**

| Ref<br># | Hits       | Search Query   | DBs                                    | Defa<br>ult<br>Oper<br>ator | Plurals | Time Stamp       |
|----------|------------|--|--|-----------------------------|---------|------------------|
| S1       | 1          | "20090008310"  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/05 09:23 |
| S2       | 336        | (dannenmaier near2 jurgen) (goehl near2<br>hermann) (ertl near2 thomas) (chevallet<br>near2 jacques) (ribolzi near2 francesco)<br>(seidler near2 bjorn) (jonsson near2<br>lennart) (nilsson near2 eddie) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR                          | OFF     | 2011/07/05 09:25 |
| 83       | 125        | S2 and (blood with treatment)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR                          | OFF     | 2011/07/05 09:26 |
| S4       | 16         | S3 and degas\$5  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR                          | OFF     | 2011/07/05 09:28 |
| S5       | <b>2</b> 3 | "4433971"  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/05 09:36 |
| S6       | 1234       | 210/188,321.71.cds.  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 13:21 |
| S7       | 195        | S6 and (blood with treatment)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 13:22 |
| S8       | 29         | S7 and (degas\$5)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 13:22 |
| S9       | 4          | "0292445"  | US-PGPUB;<br>USPAT;<br>EPO             | OR                          | OFF     | 2011/07/06 13:29 |
| S10      | 20         | "4231871"  | US-PGPUB;<br>USPAT;<br>EPO             | OR                          | OFF     | 2011/07/06 13:32 |
| S12      | 1285       | degas\$4 and (hydrophobic with membrane)   | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:12 |
| S13      | 46         | S12 and (dialyis or dialyzer)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:13 |
| S14      | 69         | (degassing near2 (device or apparatus or system)) and (blood with treat\$45)   | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:20 |
| S15      | 323        | (integrat\$4 with degas\$5)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:21 |
| S16      | 19         | S15 and (blood with treat\$5)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:21 |
| S17      | 288        | integrated with (debubble\$4 or bubble near2 trap or degas\$5)   | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:25 |
| S18      | 364        | integrat\$4 with (debubble\$4 or bubble near2 trap or degas\$5)  | US-PGPUB;<br>USPAT                     | OR                          | OFF     | 2011/07/06 14:25 |

## **EAST Search History (Prior Art)**

| S19 | 6     | S18 and (blood near2 treat\$5)  | US-PGPUB;<br>USPAT           | OR | OFF | 2011/07/06 14:25 |
|-----|-------|---|------------------------------|----|-----|------------------|
| S20 | 48    | US-20030138349-\$.DID. OR US-4231871-\$.  | US-PGPUB;<br>USPAT           | OR | OFF | 2011/07/06 14:29 |
| S21 | 41    | ("3954623"   "4225440"   "4298358"  <br>"4356012"   "4572724"   "4861466"  <br>"4997555"   "5362406").PN. OR<br>("5468388").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2011/07/06 14:42 |
| S22 | 49    | "4770787"   | US-PGPUB;<br>USPAT           | OR | OFF | 2011/07/06 14:51 |
| S23 | 4     | ("2007/0269340").URP <b>N</b> .   | USPAT                        | OR | OFF | 2011/07/19 11:06 |
| S24 | 44    | "4263808"   | USPAT                        | OR | OFF | 2011/07/19 11:08 |
| S25 | 10742 | degas\$4 with (device or system or apparatus)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2012/02/23 11:17 |
| S26 | 6     | S25 and (degas\$4 with asymmetric\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2012/02/23 11:17 |

## **EAST Search History (Interference)**

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| Ref<br># | Hits | Search Query          | DBs            | Defa<br>ult<br>Oper<br>ator | Plurals | Time Stamp       |
|----------|------|-----------------------|----------------|-----------------------------|---------|------------------|
| S27      | 1018 | 210/188,321.71.cds.   | USPAT;<br>UPAD | OR                          | OFF     | 2012/02/23 11:18 |
| S28      | 145  | S27 and (degas\$4)    | USPAT;<br>UPAD | OR                          | OFF     | 2012/02/23 11:18 |
| S29      | 4    | S28 and asymmetric\$4 | USPAT;<br>UPAD | OR                          | OFF     | 2012/02/23 11:19 |